

HNE Club Meeting 15-17 June, 2020 – Milan, Italy

Monday, June 15 Session 1

12:00 -14.30	Registration
14:30-15:00	Opening Neven Zarkovic, Chair of HNE Club; Jose Vina (President SFRRI); Michael Davies (President SFRRE; Aldini G. local Organizer; M. Carini, pro-Rector of UNIMI
15:00-15:40	Opening lecture Corinne Spickett - Aston University (UK) - <i>Recent advances in phospholipid oxidation and understanding its biological effects through adducts with proteins – a European network project.</i>
15:40-16:20	Plenary: Jose Vina , University of Valencia (Spain) <i>Free Radical Theory of Frailty</i>
In memory of Peter Eckl	
16:20-16:35	Commemoration Neven Zarkovic, Pippo Poli, Huiyong Yin, friends and colleagues.
16:35-17.05	Invited speaker – Bresgen Nikolaus , University of Salzburg (Austria) <i>"Dosis (sola) facit venenum". HNE - a regulator of cellular homeodynamics</i>
17:05-17:30	Coffee break

Session 1: Molecular Mechanisms (first part)

17:30-18:00	Key note 1: Anne Negre Salvayre , Université de Toulouse (France) <i>Hydroxynonenal contribution to skin fibroblast senescence evoked by UV-A radiations, and protective effect of carnosine</i>
18:00 – 18:20	Oral 1
18:20-18:40	Oral 2
18:40-19:00	Oral 3
19:00-19:20	Oral 4
19:20-21:00	Conference dinner

Tuesday 16, June Session 2

Session 1: Molecular Mechanisms (second part)

9:00-9:30	Key note 2: Yoshiro Saito, Tohoku University (Japan) <i>Selenoprotein P and lipid peroxidation- dual face against pancreatic beta cell function</i>
9.30-10.00	Key note 3: Fiorella Biasi, Università degli Studi di Torino (Italy) <i>Oxysterol-dependent damage of the gut: mechanistic analysis and prevention</i>
10.00-10.20	Oral 4
10.20-10.40	Oral 5
10.40-11.00	Oral 6
11:00-11:30	Coffee break
11:30-12:00	Key note 4: Huiyong Yin, Shanghai Institutes for Biological Sciences, (China) <i>Mitochondrial Aldehyde Dehydrogenase 2 (ALDH2) in Atherosclerosis - Beyond the Detoxification of Active Aldehydes.</i>
12:00-12:20	Oral 7
12:20-12:40	Oral 8
12:40-13:30	Lunch
13:30 - 15:00	Poster discussion
Session 2: Analysis	
15:00-15:30	Key note 5: Maria Fedorova, Universität Leipzig (Germany) <i>Omics view on oxidized lipids and lipid-protein adducts in metabolic disorder</i>
15:30 - 15:50	Oral 9
15:50 - 16:10	Oral 10
Session: Clinics	
16:10 - 16:40	Key note 6: Sean Davies, Vanderbilt University (USA) Role of HDL modification by isolevuglandins and other reactive lipid dicarbonyls in atherosclerotic cardiovascular disease.
16:40-17:00	Oral 11
17:00- 17:40	Hermann Esterbauer Award Lecture

Wednesday 17, June

Session: Therapeutics

9:00-9:30	Key note 7: Francesco Galli, University of Perugia (Italy) <i>The H atom-donating properties of vitamin E a century after its discovery – therapeutic expectations in fatty liver disease and NASH</i>
9.30-10.00	Key note 8: Oren Tirosh, The Hebrew University of Jerusalem (Israel) <i>A new horizon for muscle food protection against carbonyls, peroxides and carcinogens formation</i>
10.00-10.20	Oral 12
10.20-10.40	Oral 13
10.40-11.00	Oral 14
11.00-11:20	Coffee break
11.20-11.40	Oral 15
11:40-12:00	Oral 16
12:00-12:40	Closing lecture: Michael Jonathan Davies University of Copenhagen (Denmark) <i>Electrophile versus oxidant modification of proteins - and their consequences</i>
12:40-13:00	Closing remarks and poster awards